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Dated: March 21, 2003

Signature: Paul B. Stephens
Paul B. Stephens

Docket No.: 30203/37899
(PATENT)

2877
#7
4/21/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
R. Frick

Group Art Unit: 2877

Application No.: 09/996,143

Filed: November 28, 2001

Examiner: To be assigned

For: Optical Sensor for Measuring Physical and
Material Properties

SUBMISSION OF FORMAL DRAWINGS

Commissioner for Patents
Washington, DC 20231

Dear Sir:

Submitted herewith is one set (thirteen sheets, eighteen figures) of formal drawings for filing in the above-identified patent application. Kindly substitute the enclosed formal drawings for the informal drawings previously submitted.

Dated: March 21, 2003

Respectfully submitted,
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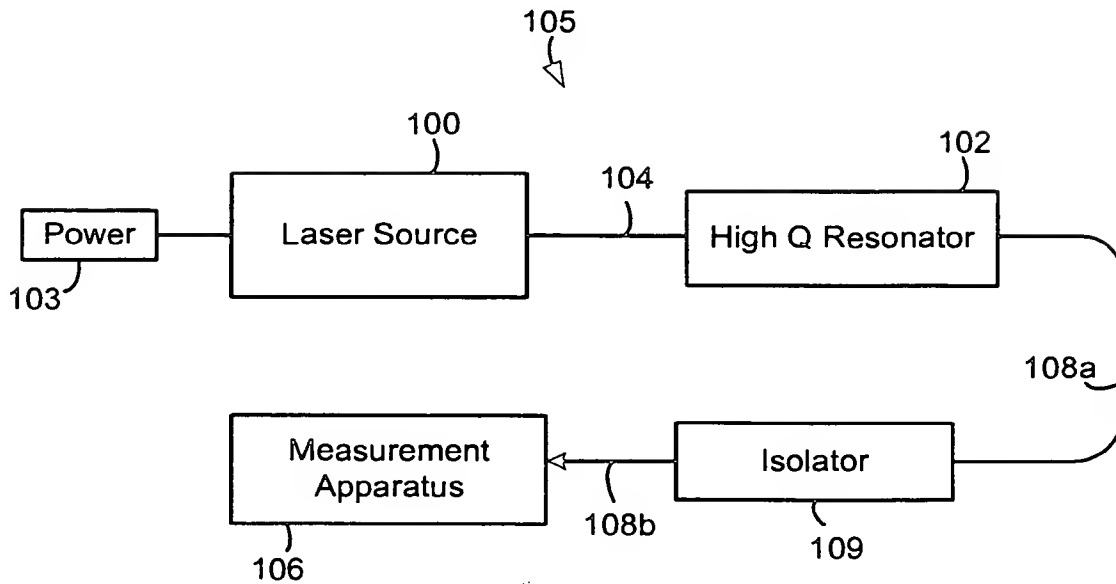


FIG. 1

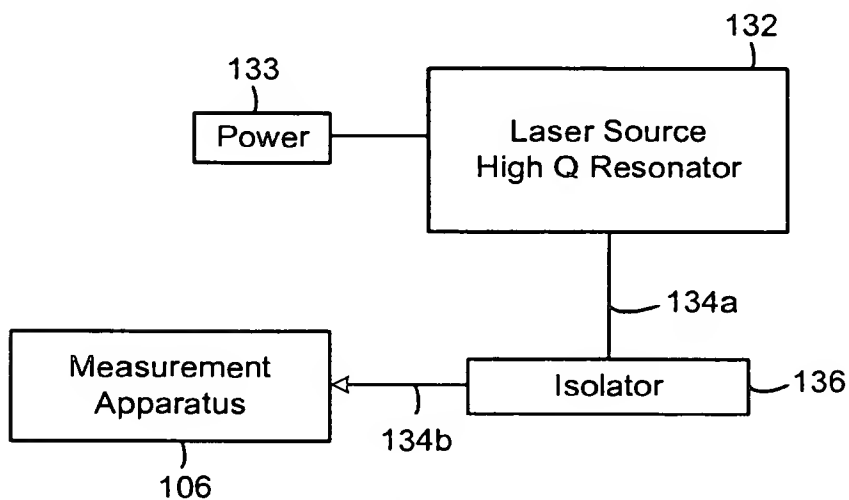


FIG. 2



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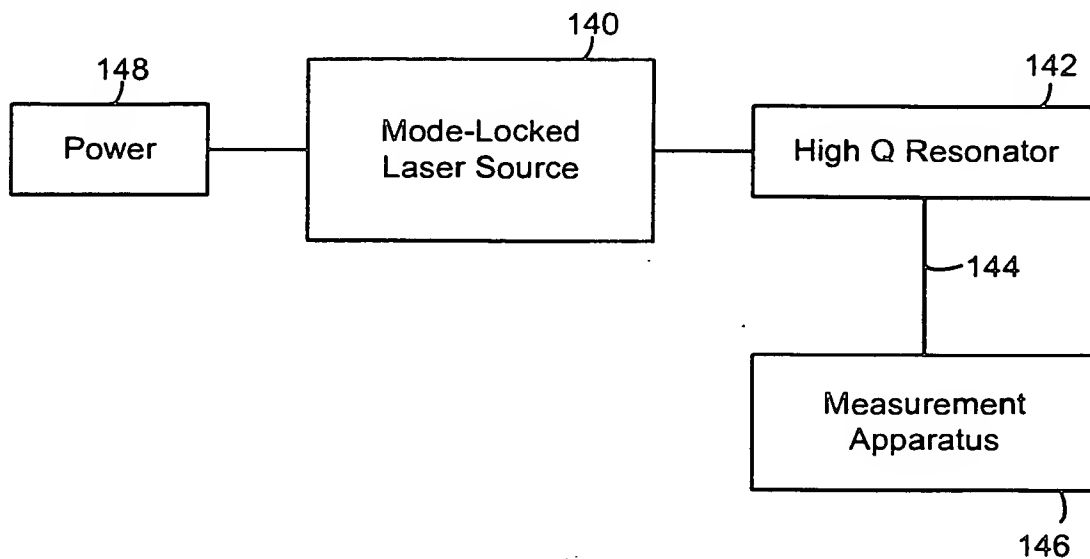


FIG. 3A

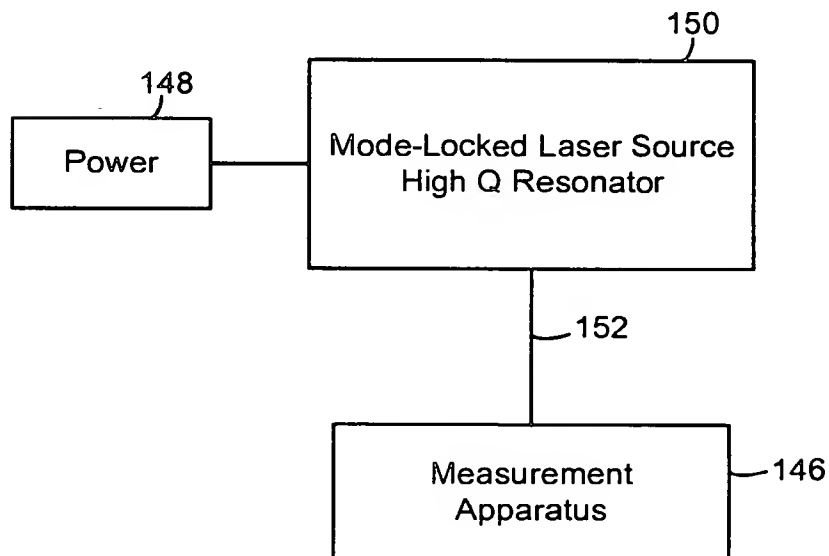


FIG. 3B



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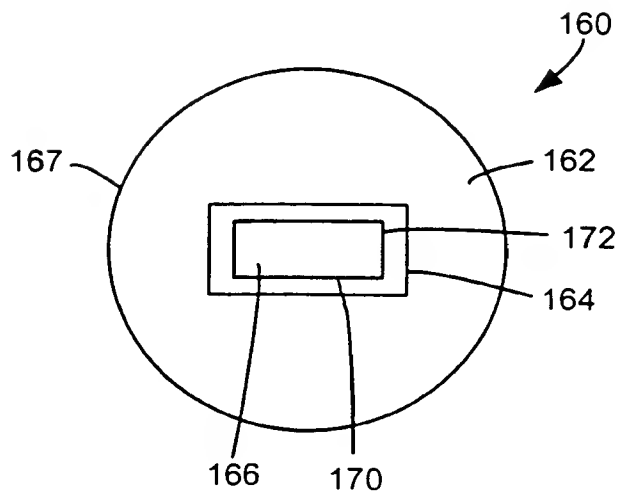


FIG. 4

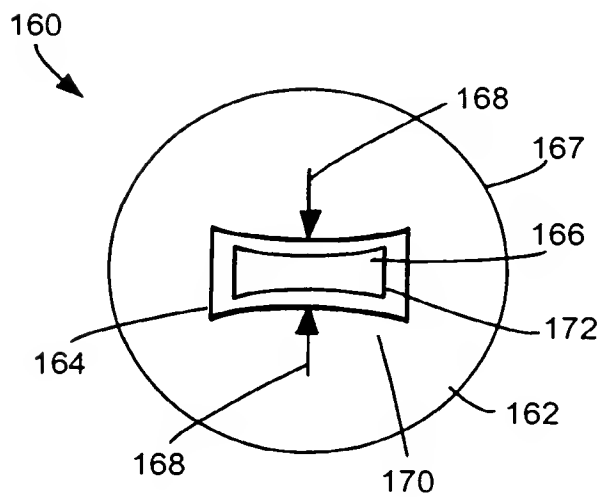


FIG. 5



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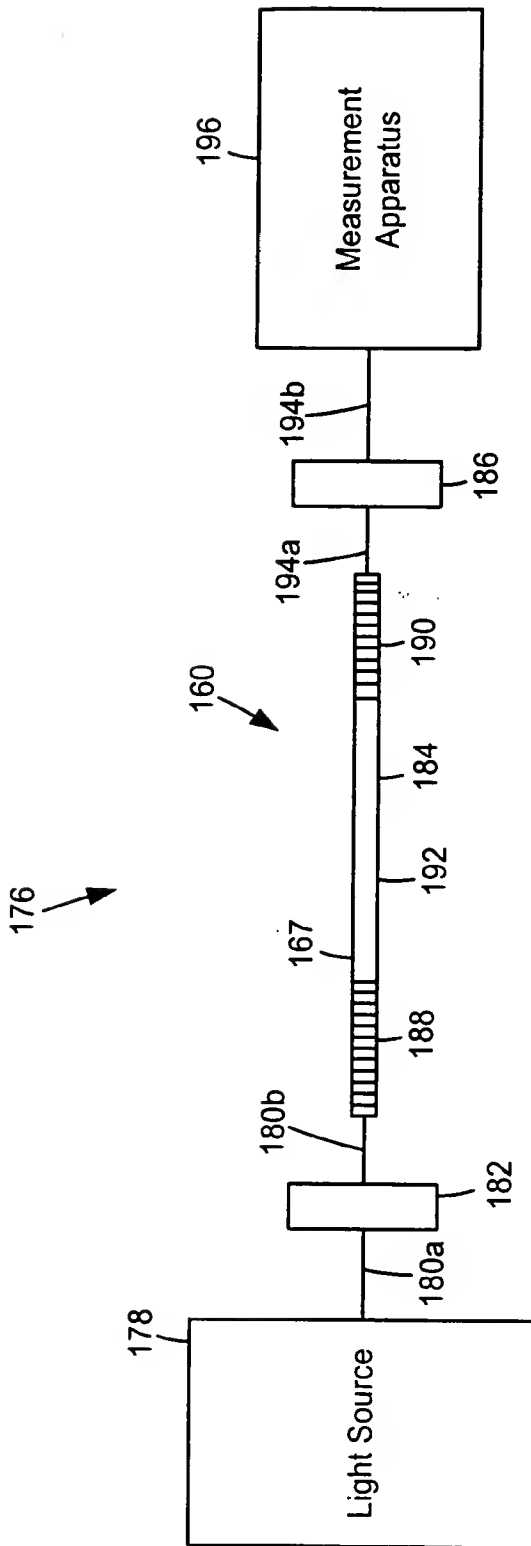


FIG. 6



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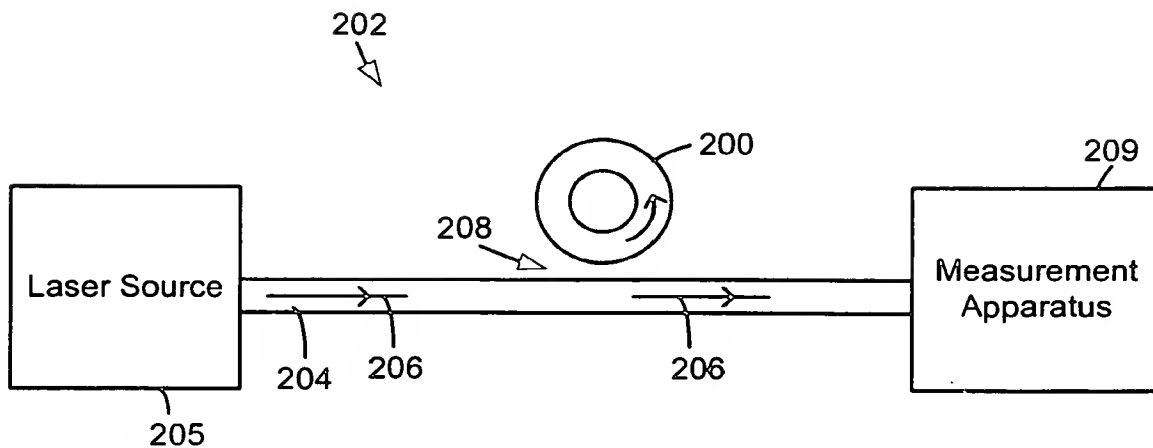


FIG. 7

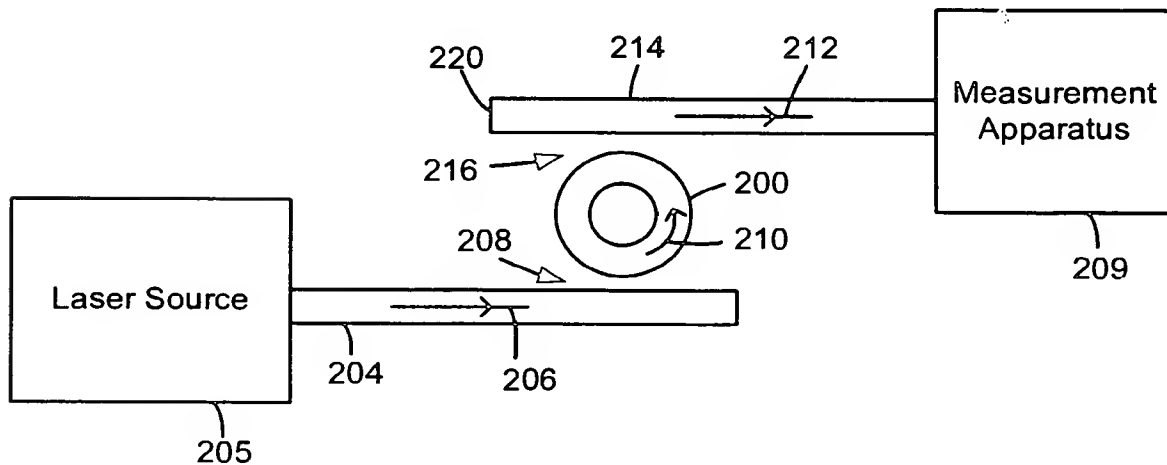


FIG. 8



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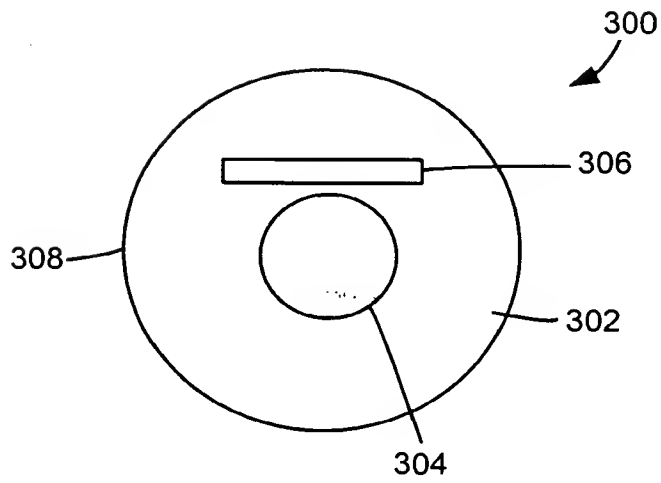


FIG.9



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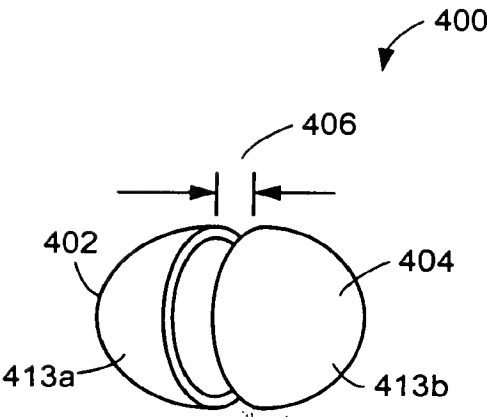


FIG. 10

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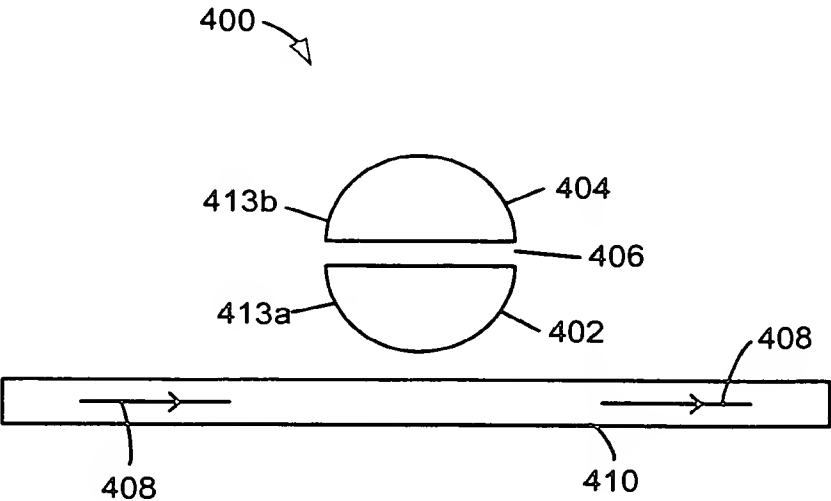


FIG. 11

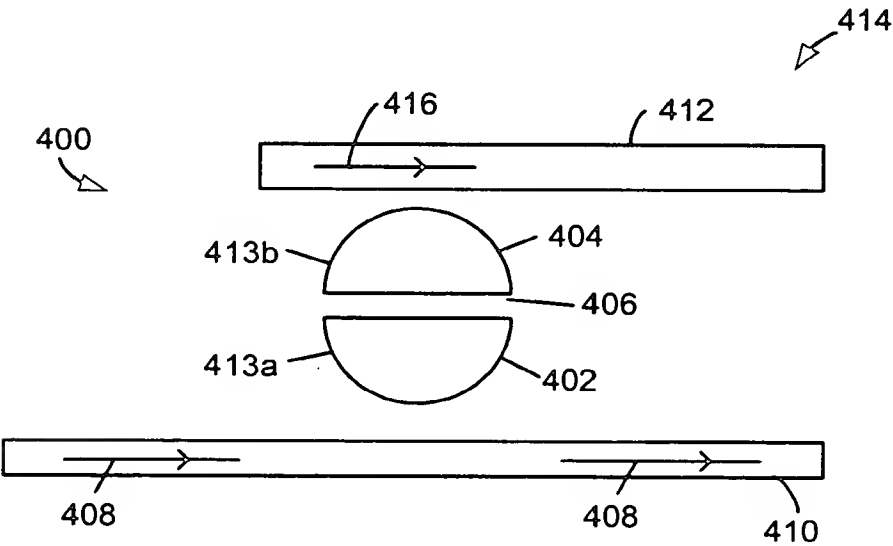


FIG. 12



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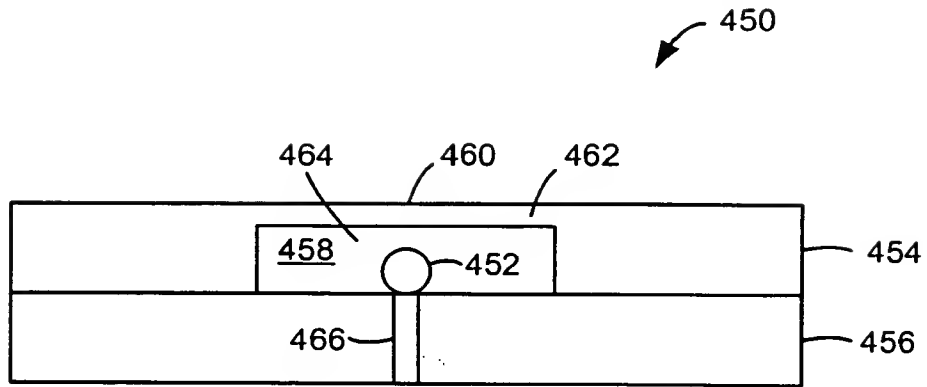


FIG. 13



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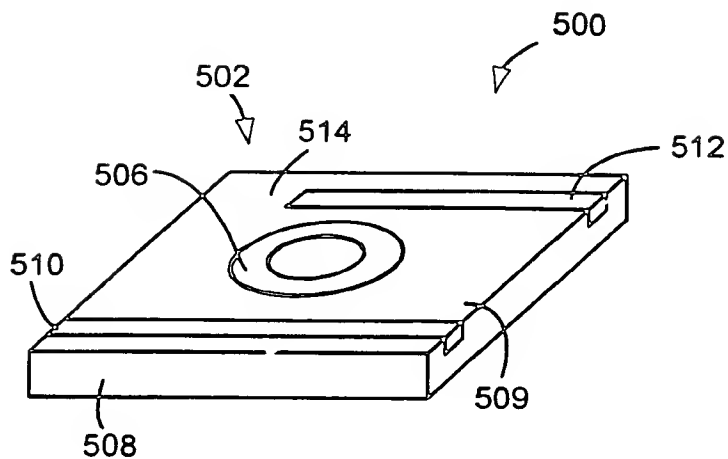


FIG. 14A

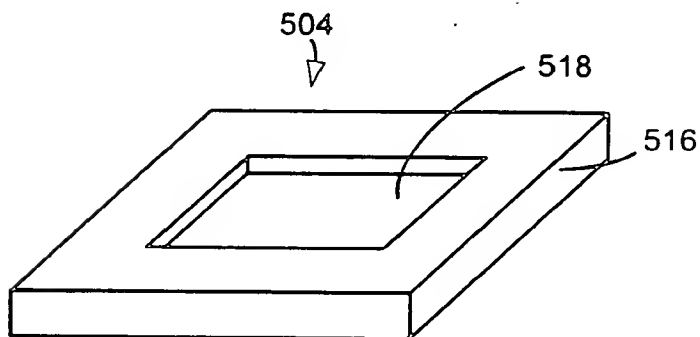


FIG. 14B



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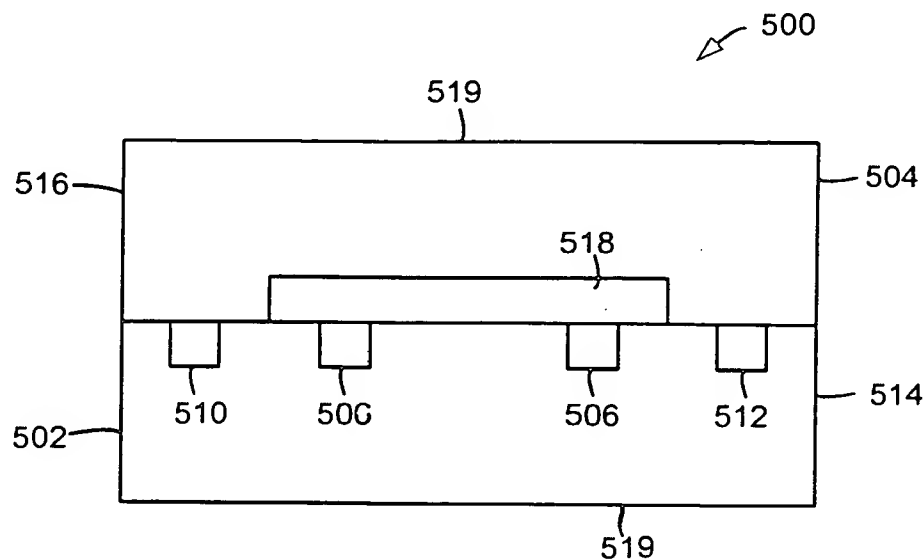


FIG. 15

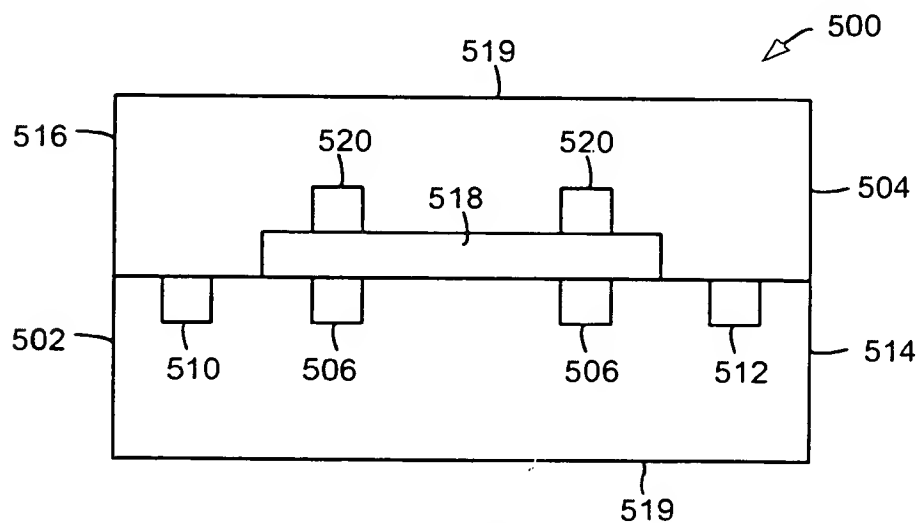


FIG. 16



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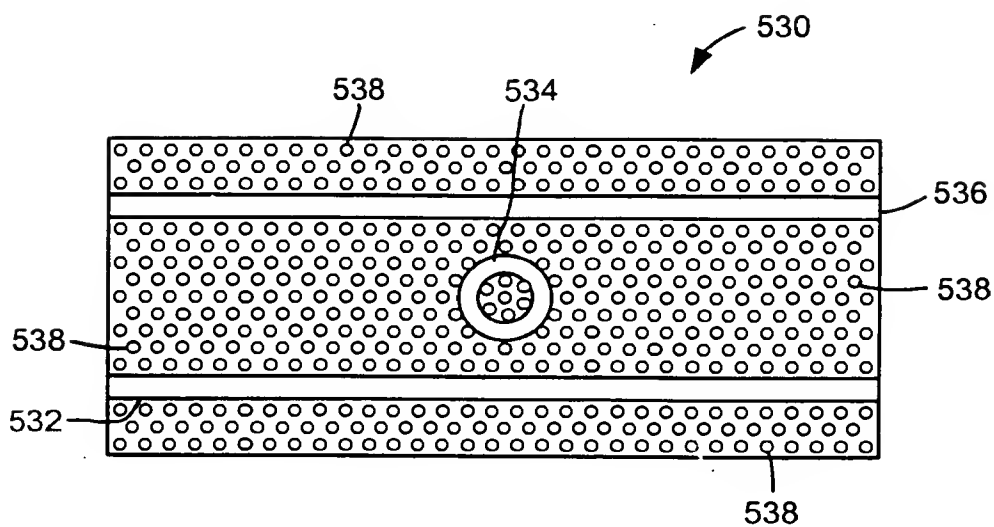


FIG. 17



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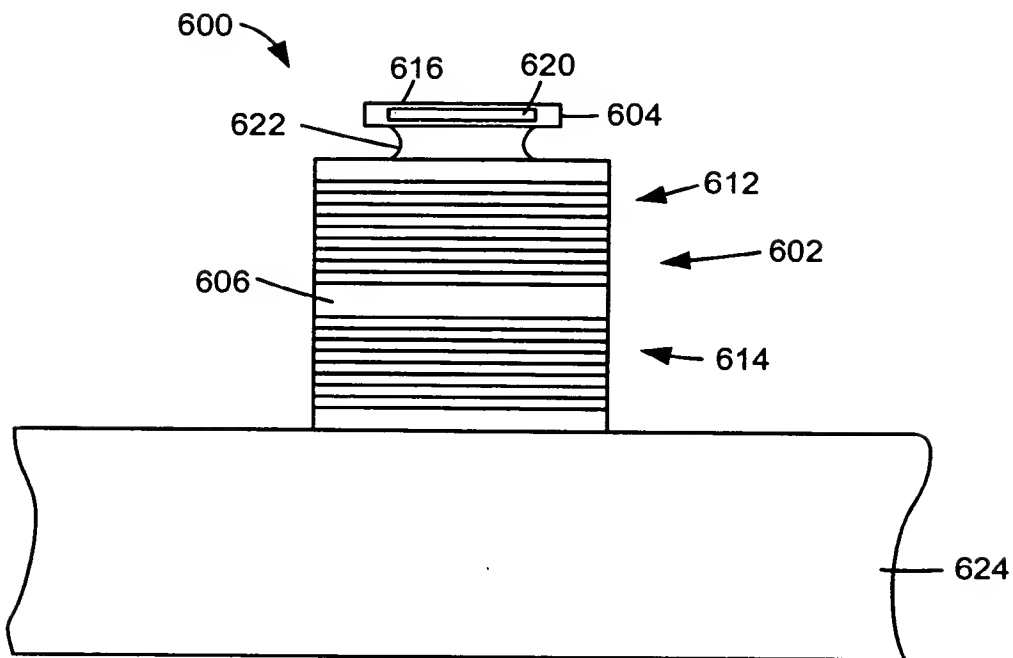


FIG. 18